

GROOVING

Advanced .193

 Holders .195



GROOVING Advanced

TURNING

THREADING

GROOVING

MILLING

DRILLING

ACCESSORIES

BGF	DIAMOND-PCBN External grooving				ISO513	DP	BH										
	Size	IC	S	CDX		MD120	NBR4500	◀ SINTERED POWDER METAL									
	100	12.70	4.76	1.8	P	140											
	150	12.70	4.76	2.6	M	400											
	200	12.70	4.76	3.0	K	1200											
	250	12.70	4.76	3.5	N	500											
	300÷400	12.70	4.76	4.5	S	2000											
	300÷400	12.70	4.76	4.5	H	60	160										
GRADE APPLICATION AREA		Stable machining, continuous cut			+												
main application		General machining, light interruption			-												
applicable		Unstable machining, interrupted cut			+												
FLAT <p>picture: right-hand</p>	BGF%/L	100-010	N	CW 1.00	RE 0.10	0.10	○*										
			f _n ▶ 0.04	0.08	0.12	○											
	H	CW 1.00	RE 0.10	0.10	○												
	f _n ▶ 0.04	0.05	0.06	○													
	150-010	N	CW 1.50	RE 0.10	0.10	○*											
		f _n ▶ 0.04	0.08	0.12	○												
	H	CW 1.50	RE 0.10	0.10	○												
	f _n ▶ 0.04	0.05	0.06	○													
	200-020	N	CW 2.00	RE 0.20	0.20	○*											
		f _n ▶ 0.06	0.10	0.14	○												
	H	CW 2.00	RE 0.20	0.20	○												
	f _n ▶ 0.04	0.06	0.08	○													
	250-020	N	CW 2.50	RE 0.20	0.20	○*											
		f _n ▶ 0.06	0.10	0.14	○												
	H	CW 2.50	RE 0.20	0.20	○												
	f _n ▶ 0.04	0.06	0.08	○													
	300-020	N	CW 3.00	RE 0.20	0.20	○*											
		f _n ▶ 0.06	0.10	0.14	○												
H	CW 3.00	RE 0.20	0.20	○													
f _n ▶ 0.04	0.06	0.08	○														
350-020	N	CW 3.50	RE 0.20	0.20	○*												
	f _n ▶ 0.08	0.12	0.16	○													
H	CW 3.50	RE 0.20	0.20	○													
f _n ▶ 0.06	0.08	0.10	○														
400-020	N	CW 4.00	RE 0.20	0.20	○*												
	f _n ▶ 0.08	0.12	0.16	○													
H	CW 4.00	RE 0.20	0.20	○													
f _n ▶ 0.06	0.08	0.10	○														
FULL RADIUS <p>picture: right-hand</p>	BGF%/L	100-050FR	N	CW 1.00	RE 0.50	0.50	○*										
			f _n ▶ 0.04	0.08	0.12	○											
	H	CW 1.00	RE 0.50	0.50	○												
	f _n ▶ 0.04	0.05	0.06	○													
	150-075FR	N	CW 1.50	RE 0.75	0.75	○*											
		f _n ▶ 0.04	0.08	0.12	○												
	H	CW 1.50	RE 0.75	0.75	○												
	f _n ▶ 0.04	0.05	0.06	○													
	200-100FR	N	CW 2.00	RE 1.00	1.00	○*											
		f _n ▶ 0.06	0.10	0.14	○												
	H	CW 2.00	RE 1.00	1.00	○												
	f _n ▶ 0.04	0.06	0.08	○													
	250-125FR	N	CW 2.50	RE 1.25	1.25	○*											
		f _n ▶ 0.06	0.10	0.14	○												
	H	CW 2.50	RE 1.25	1.25	○												
	f _n ▶ 0.04	0.06	0.08	○													
	300-150FR	N	CW 3.00	RE 1.50	1.50	○*											
		f _n ▶ 0.06	0.10	0.14	○												
H	CW 3.00	RE 1.50	1.50	○													
f _n ▶ 0.04	0.06	0.08	○														
350-175FR	N	CW 3.50	RE 1.75	1.75	○*												
	f _n ▶ 0.08	0.12	0.16	○													
H	CW 3.50	RE 1.75	1.75	○													
f _n ▶ 0.06	0.08	0.10	○														
400-200FR	N	CW 4.00	RE 2.00	2.00	○*												
	f _n ▶ 0.08	0.12	0.16	○													
H	CW 4.00	RE 2.00	2.00	○													
f _n ▶ 0.06	0.08	0.10	○														

○ non-standard stock

*Only right-hand available

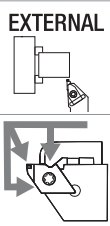



GROOVING Holders

TURNING

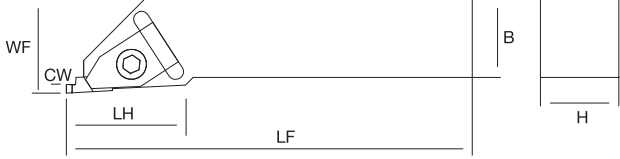
BGF

EXTERNAL






Right-hand shown



THREADING

BGF-HLD External grooving			H	B	WF	LF	LH		MIID
	R	L							
CW 1 ÷ 4	BGF-HLD 1616[°]/L		▽	16	16	30	150	45	
	BGF-HLD 2020[°]/L		● ●	20	20	30	150	45	BGF [°] /L.□□□
	BGF-HLD 2525[°]/L		● ●	25	25	30	150	45	

● stock standard, ▽ stock exhaustion

GROOVING

Spare Parts	CLAMP	CLAMP SCREW	CLAMP WRENCH	INSERT SCREW	INSERT WRENCH
BGF-HLF 1616[°]/L	NT-CS300 [°] /L	NT-SC300	NT-WR040	NT-ST300	NT-FT15
BGF-HLF 2020[°]/L					
BGF-HLF 2525[°]/L					

MILLING

DRILLING

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